

# CV of Professor Yoshitsugu Hayashi

As of August 2014

## CURRENT POSITION

**Director**, Education and Research Center for Sustainable Co-Development  
**Professor**, Graduate School of Environmental Studies, Nagoya University (**Former Dean**)  
**President**, World Conference on Transport Research Society (**WCTRS** , with more than 1.500 members from 67 countries)  
**President**, Japan Association of Human and Environmental Symbiosis (JAHES)  
**Board Member**, The Engineering Academy of Japan  
**Associate member**, Science Council of Japan  
**International Advisor**, International Transport Forum (extended European Conference of Transport Ministers)  
**Associate Editor**, Transportation Research Part D: Transport and Environment (published by Elsevier)  
**Guest Professor**, Shanghai Jiaotong University, Tongji University

## SELECTED ACADEMIC ACTIVITIES

### 1. Universities and Research Institutes

**Research Associate**, Department of Civil Engineering, Faculty of Engineering, University of Tokyo (1979-1980)  
**Lecturer**, Department of Civil Engineering, Faculty of Engineering, University of Tokyo (1980-1981)  
**Lecturer**, Department of Civil Engineering, Faculty of Engineering, Nagoya University (1981-1982)  
**Associate Professor**, Department of Civil Engineering, Faculty of Engineering, Nagoya University (1982-1991)  
**Professor**, Department of Civil Engineering, Faculty of Engineering, Nagoya University (1991-2001)  
**Professor**, Graduate School of Environmental Studies, Nagoya University (2001- present)  
**Director**, Academic Consortium 21 (World-wide consortium consisting of 20 universities) (2002-2004)  
**Pro Vice-President**, Nagoya University (2003- 2004)  
**Member of University Council of Education and Science**, Nagoya University(2004-2009)  
**Dean**, Graduate School of Environmental Studies, Nagoya University (2006- 2009)

**Visiting Lecturer**, Transport Training Center, *University of the Philippines*, Philippines (1982-1983)  
**Visiting Fellow**, Institute for Transport Studies, *University of Leeds*, UK (1984-1985)  
**Visiting Professor**, Institute for Spatial Planning, *University of Dortmund*, Germany (1997)  
**Guest Research Fellow**, Institute for Transport Policy Studies, Japan (1997-1999)  
**Member of Peer Review Committee**, Institute of Transport Studies, *University of Sydney*, Australia (1996-1999)  
**Guest Professor**, *MBA Program, Ecole Nationale des Ponts et Chaussees*, France (2000-2003)  
**Guest Professor**, *Shanghai Jiaotong University*, China (2008-2011)  
**Guest Professor**, *Tongji University*, China (2010-present)

### 2. Journal and Handbook Editor (selected)

**Co-Editor of Transport Policy** (official journal of WCTRS) (published by Elsevier) (1998-2009)  
**Associate Editor** , Journal "Transportation Research Part D: Transport and Environment", Elsevier Science (1996-present)  
**Associate Editor** , Papers in Regional Science (2009-present)  
**Editor** of the Volume: The Environment and Transport, "Environmental Analysis and Economic Policy" Series, Edward Elgar Publishing Ltd. (1996-present)  
**Guest Editor**, Special Issue on The Sustainable City: transport and Spatial Development, Built Environment Vol.29, No.1(2003)  
**Guest Editor**, Special Issue on Environmentally Sustainable Transport, European Journal of Transport and Infrastructure Research, No.4 (2004)  
**Guest Editor**, Research in Transport Economics: Special Issue on Climate Change and Transport Strategies (Springer, 2014)

### 3. WCTRS (World Conference on Transport Research Society)

**Member**, Steering Committee (1998-present)  
**Chair**, Scientific Committee (2007-present)  
**Chair**, Transport and Spatial Development Special Interest Group (1989-present)  
**Chair**, Transport and The Environment Special Interest Group (2001-present)  
**Chair**, Prize Subcommittee (1992-2007)  
**Editor**, Official Journal "Transport Policy" (published from Elsevier) (1998-2009)  
**President of WCTRS** (July 2013 - present)

#### 4. JSCE (Japan Society of Civil Engineers)

**Executive Secretary**, the *Editorial Board of Journal* of the Japan Society of Civil Engineers (1995-1997)

**Executive Secretary**, *Committee of Strategic Planning* (2000-2003)

**Chair**, *Committee of Planning Research Division* (2001 – 2004)

**Vice-President** in charge of *Strategic Planning* (2010 – 2012)

#### 5. Science Council of Japan

**Associate Member**

**Member**, *Committee of Civil Engineering* (2000-present)

**Member**, *Committee of Human Dimension on Global Environmental Programme* (HDGEC)(2000-present)

**Member**, *Committee of Planning in Engineering* (2003-present)

#### 6. The Engineering Academy of Japan

**Member** (2009 – present)

**Board Member** (2012 – present)

#### 7. EASTS (Eastern Asia Society for Transportation Studies)

**Chair**, *Prize Committee* (1996-2000)

**Member**, *International Scientific Committee* (1995-2003)

#### 8. CODATU (Cooperation pour le Developpement et l'Amelioration des Transport Urbains et periurbains)

**Member**, *International Scientific Committee* (1997-2004)

#### 9. International Projects for Environmental Protection

**Chair**, *Comparative Study on Urban Transport and the Environment (CUTE) and Funding for Environmentally Sustainable Transport (FEST) Project*, An international collaborative research funded by the Japanese Ministry of Land, Infrastructure and Transport (2001-2004)

**Member**, *ECOTRA (Eco-Transport) Project, Support project of the Developing Country's Traffic Pollution Cooperation Plan* of the Japanese Ministry of Transport aimed to develop an examination-prescription system for traffic-attributed pollution problem and applied to Cairo, Dalian and Jakarta (1995 –1998)

**Chair**, *International Collaborative Project on Urban Form, Transport and the Environment in Asian Mega-cities* (2004 - present)

#### 10. Organizing Seminars and Conferences

**Co-Organizer**, *"2<sup>nd</sup> Forum of AC21 (Academic Consortium 21)"*, University of Sydney (Australia, 21-25 July 2004)

**Co-Organizer**, *"10<sup>th</sup> World Conference on Transport Research"*, Istanbul (Turkey, 4-8 July 2004)

**Organizer**, Workshop on *"Urban Form, Transport and The Environment"*, Nagoya University (Japan, 22 February and 18 October 2004)

**Chair**, seminar on *"International Conference on Environmentally Sustainable Transport in the Asian Region"*, Nagoya (Japan, 22-25 March 2003), organised by the OECD Environment Directorate and hosted by the Japanese Ministry of the Environment and the Ministry of Land, Infrastructure and Transport

**Co-Organizer**, *"1<sup>st</sup> Forum of AC21 (Academic Consortium 21)"*, Nagoya University (Japan, 22-25 June 2004)

**Organizer**, seminar on *"Regeneration of Cities for the Next 1000 Years – Goals, Constraints and Policies"*, Nagoya University (Japan, 30 July 2001)

**Co-organizer**, Seminar on *The Impacts of New Transport Infrastructure*, The University of Kent at Canterbury, UK (4-7 September 1999)

**Organizer**, Seminar on *The Master Plan of Urban Transport for Hanoi City in Vietnam*, sponsored by **JICA** and Hanoi Peoples Committee (07 December 1996)

**Organizer**, Seminar on *the Integration of Future Railway Transport and Urban Development, "Bangkok Integrated Railways and Development System with Advanced and Comfortable Commuting with Express and Safe Service"*, sponsored by **JICA**, in Bangkok (29 January 1996)

**Organizer**, Seminar on *the Influence of Land Use-Transport Interaction on Energy Consumption and Environment*, in Blackheath, Australia (December 1993)

## 11. Awards

### <Distinguished Services>

**Orange Prize for Best Committee Member**, *6th World Conference on Transport Research* (1992)

**President Medal of Cairo University** for distinguished service in the conduct of *environmental mitigation projects for metropolises in developing countries* (1998)

**Prize for Distinguished Service** to *Eastern Asia Society for Transportation Studies(EASTS)* (1999)

**Orange Prize for Best Committee Member**, *10th World Conference on Transport Research* (2004)

- **Prize of Distinguished Service**, *Air Transport Research Society (ATRS)*(2007)

### <Best Papers>

**Best Paper Prize** of *Japan Society of Civil Engineers* for the paper "A Land Use Model for Suburban Areas" (1982)

**Best Paper Prize** of *Japan Association of Real Estate Sciences* for the paper "Identifying Land Problems and Legal Systems in Japan by international comparison" (1992)

**Best Paper Prize** of *Journal "Expressway and Automobile"* for the paper "An Evaluation Method of Rationality of Transferring Vehicle related Tax Revenue to Public Transport and Its Application to the Chukyo Metropolitan Area" (1999)

**Best Paper Prize for year 2008** of *International Journal of Urban Sciences*

### <Best Books>

**Best Book Prize** of *Japan Association of Real Estate Sciences* for the book "Public Policy for Cities and the Environment" (2003)

**Best Book Prize** of *Association of Transport* for the book "Urban Regeneration – Solutions from transport Studies" (2003)

## 12. Keynote / Invited Lectures

Yoshitsugu Hayashi, "Consistency from Visions to Policy Instruments in Transport Planning", **The International Conference on Environment and Transport In AICHI Aug.2005**, Hotel Marriot Associa Nagoya, 3-5 August 2005.

Yoshitsugu Hayashi, "No Regret Land Use – Transport Strategies to Meet the Foreseen Future Stages of Economic Development, Urbanisation and Automobilsation", **World Engineers Congress**, 2-6 November 2004, Shanghai

Yoshitsugu Hayashi, "Integrated Land Use Transport Planning and Policies for Sustainable Cities and Regions", **FOVUS**, University of Stuttgart, 29 September – 2 October 2004.

Yoshitsugu Hayashi, "Urbanisation Stage and Sustainable Transport in Sustainable Cities", **International Forum on Sustainable Transport in Sustainable City**, University of Sydney, Australia, 21 July 2004.

Yoshitsugu Hayashi, "Asian Perspectives – Focusing on Mega-cities", **OECD – Japan Conference on Environmentally Sustainable Transport in the Asian Region**, Nagoya, Japan, 22-25 March 2003.

Yoshitsugu Hayashi: "Compact City: A Sustainable Urban Model for Seoul?", **Metropolitan Forum 2002**, University of Seoul, 2002.

Yoshitsugu Hayashi.: "The Needs and Approaches For Regeneration of Cities for next 100 years" **International Symposium on Regeneration of Cities for the Next 100 years: Goals, Constraints and Policies**, Special Interest Group on Transport and Spatial Development, World Conference on Transport Research Society, Nagoya University, 2001

Yoshitsugu Hayashi., and Kato,H.: "Examining the effects of reform of car-related taxation system and urban spatial structuring on the life cycle carbon dioxide emission in developing countries", **CODATU IX**, Mexico City, 2000.

Yoshitsugu Hayashi: "Planning the Future of Cities in 3-dimentional perspective-Need for innovative methodologies and tools", International Workshop on Urban 3D and Multi-Media Mapping, Tokyo, 2000.

## SOCIAL SERVICES

### 13. OECD

**Country Representative**, Environmentally Sustainable Transport (EST) Expert Meeting, *Working Party on Pollution Prevention and Control (WPPPC)*, EST Project, **OECD** (1997-present)

### 14. ECMT(European Conference of Ministers of Transport) and ITF(International Forum of Transport)

**Member of round tables** (1997-present)

**Advisor to ITF** (2010-present)

### 15. JICA (Japan International Cooperation Agency)

**JICA Expert** as Lecturer, **Transport Training Center**, University of the Philippines (1982,1983)

**Leader**, Preparatory Study Team of **JICA** for the *Study on Improvement Plan for Railway Transport in and around the Bangkok Metropolis in consideration of Urban Development in the Kingdom of Thailand* (1992-1993)

**Chair**, Advisory Committee of **JICA** for the Study on Improvement Plan for Railway Transport in and around the Bangkok Metropolis in consideration of Urban Development in the Kingdom of Thailand (1994-1996)

**Chair**, Advisory Committee of **JICA** for the Study of a Master Plan of Urban Transport for Hanoi, Vietnam (1995-1996)

**JICA Expert** as Lecturer in the Third Country Transportation Experts Training Program, National Center for Transportation Studies, University of the Philippines (1998)

#### 16. OECF

**Member**, Committee of Project Proposal Evaluation on Bangkok's Underground Railways (1996-1997)

#### 17. UNCRD

**Member**, A Comparative Study of Metropolises (1983-1984)

**Lecturer**, Various Training Courses (1984-2001)

**Speaker**, Various Seminars (1984-1997)

**Member**, A Comparative Study on Development Policy and Management in the Context of Regional Development between China and Japan (1997)

#### 18. Training Activities

**Training Member**, IATSS (International Association for Traffic Safety Sciences) Forum Training Course (1984-1999)

**Organizing Member**, IATSS Forum Training Course (2000-present)